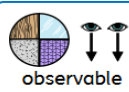
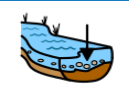
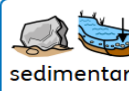
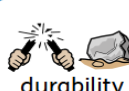
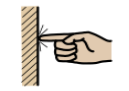
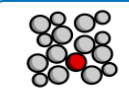
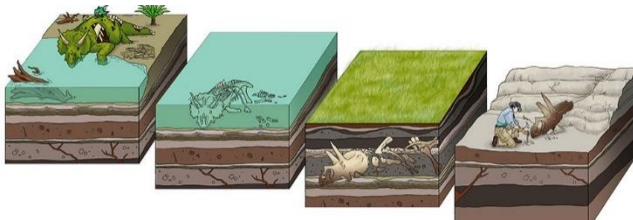


Year 3: Rocks and soils		Together we embrace difference: All rock and soils have different properties and characteristics.				
Crucial Knowledge	Important images	Key Vocabulary				
- Rock is a naturally occurring material. - There are different types of rock e.g. sandstone, limestone, slate etc. which have different properties. - Rocks can be hard or soft. - Rocks can have different sizes of grain or crystal. - Rocks may be permeable or impermeable (absorb water or not).	Igneous Metamorphic Sedimentary 	properties observable characteristics permeable impermeable fossil sediment sedimentary rock durability hardness Venn diagram grain				
- Soils are made up of pieces of ground down rock which may be mixed with plant and animal material (organic matter). - There are different types of soil (clay, chalk, sandy, peat) which have different properties		Key Concepts Materials Materials are what objects are made of. Materials all have different properties which means they are suitable for different purposes. We can compare and group rocks and soils based on their appearance and physical properties.				
- Some sedimentary rocks contain fossils. - Fossils are formed when plants or animals are buried by sediment. Over millions of years, the sediment hardens into rock, preserving the shape of the original plant or animal.						
Crucial Skills (Working Scientifically Skills)						
gather data	measure capacity using pipettes	record data in a table	sort objects into Venn diagrams	explain findings	carry out a fair test	use equipment safely